

Editor's Note:

The following is an abstract of a talk on "Emerging Trends in Data Processing Equipment--Analog Developments," give by Alan Rogers, director of systems analysis, Electronic Associates' Research and Computation Division, and presented on Tuesday morning, June 9th, at the Systems Engineering Conference.

A B S T R A C T

EMERGING TRENDS IN DATA PROCESSING EQUIPMENT
ANALOG DEVELOPMENTS

This paper reviews the analog computer of today against a background of its typical applications, establishes the important recent hardware developments and suggests what can be expected in the future. The review is given from a user's rather than a designer's point of view, and is limited to a discussion of the relatively large analog simulators commonly used throughout the aerospace, electro-mechanical and process industries for systems design.

Mr. Roger's says, "Modern general-purpose analog computers are used widely in a simulation role to investigate and help solve design problems of complicated dynamic systems. Their capacity for readily providing realistic electronic models of complicated nonlinear devices and situations, allows the designer to gain an appreciation of possible solutions to systems problems not otherwise readily or economically available."

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EA-531PR

6/8/64